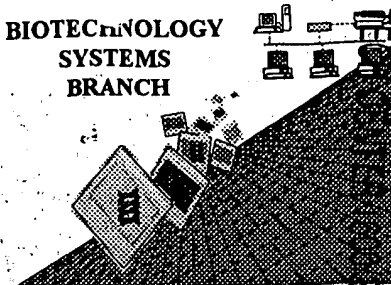


*Kubel*

## RAW SEQUENCE LISTING ERROR REPORT

BIOTECHNOLOGY  
SYSTEMS  
BRANCH



MAY 09 2001

#7  
RECEIVED

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:

09/688,851

Source:

1638

Date Processed by STIC:

4/30/2001

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: [patin3help@uspto.gov](mailto:patin3help@uspto.gov) or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER  
VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND  
TRADEMARK OFFICE WEBSITE. SEE BELOW:

### Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 - 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>

1638

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/688,851

DATE: 04/30/2001  
TIME: 13:30:10

Input Set : A:\PTO.txt  
Output Set: N:\CRF3\04302001\I688851.raw

Does Not Comply  
Corrected Diskette Needed

3 <110> APPLICANT: Staub, Jeffrey  
4 Hajdukiewicz, Peter  
5 Gilbertson, Larry  
7 <120> TITLE OF INVENTION: Methods and vectors for site-specific recombination in plant cell  
8 plastids  
10 <130> FILE REFERENCE: 15868/02  
12 <140> CURRENT APPLICATION NUMBER: 09/688851  
13 <141> CURRENT FILING DATE: 2000-10-16  
15 <160> NUMBER OF SEQ ID NOS: 5  
17 <170> SOFTWARE: PatentIn version 3.0  
19 <210> SEQ ID NO: 1  
20 <211> LENGTH: 34  
21 <212> TYPE: DNA  
22 <213> ORGANISM: Bacteriophage P1  
24 <400> SEQUENCE: 1  
25 ataacttcgt atagcatata ttatacgaag ttat  
28 <210> SEQ ID NO: 2  
29 <211> LENGTH: 32  
30 <212> TYPE: DNA  
C--> 31 <213> ORGANISM: Artificial/Unknown  
33 <220> FEATURE:  
34 <221> NAME/KEY: misc\_feature  
35 <222> LOCATION: ()..()  
36 <223> OTHER INFORMATION: synthetic construct  
39 <400> SEQUENCE: 2  
40 gggcatgccg ccagcggttca tcttgagcca gg  
43 <210> SEQ ID NO: 3  
44 <211> LENGTH: 37  
45 <212> TYPE: DNA  
C--> 46 <213> ORGANISM: Artificial/Unknown  
48 <220> FEATURE:  
49 <221> NAME/KEY: misc\_feature  
50 <222> LOCATION: ()..()  
51 <223> OTHER INFORMATION: synthetic construct  
54 <400> SEQUENCE: 3  
55 ggggatccca aattgacggg ttagtgtgag cttatcc  
58 <210> SEQ ID NO: 4  
59 <211> LENGTH: 35  
60 <212> TYPE: DNA  
61 <213> ORGANISM: Nicotiana tabacum  
63 <400> SEQUENCE: 4  
64 ctattatatt agattagtat tagttagtga tcccg  
67 <210> SEQ ID NO: 5  
68 <211> LENGTH: 37  
69 <212> TYPE: DNA  
C--> 70 <213> ORGANISM: Artificial/Unknown  
72 <220> FEATURE:

invalid - Per 1.823 of Sequence Rules, the only valid <213> responses are:  
Unknown, Artificial Sequence,  
or  
Scientific name  
(Genus/species)  
ONE of the  
three-do  
not combine  
them

<223> response  
of "synthetic construct"  
implies  
Artificial Sequence

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/688,851

DATE: 04/30/2001  
TIME: 13:30:10

Input Set : A:\PTO.txt  
Output Set: N:\CRF3\04302001\I688851.raw

73 <221> NAME/KEY: misc\_feature  
74 <222> LOCATION: ()..()  
75 <223> OTHER INFORMATION: recombination junction of loxP site  
78 <400> SEQUENCE: 5  
79 ctattatatt agattagtgt atgctatacg aagttat

37

## VERIFICATION SUMMARY

PATENT APPLICATION: US/09/688,851

DATE: 04/30/2001

TIME: 13:30:11

Input Set : A:\PTO.txt

Output Set: N:\CRF3\04302001\I688851.raw

L:31 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:2  
L:46 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:3  
L:70 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:5